

1 TUNABLE NARROW-BAND FILTER INCLUDING
2 SIGMA-DELTA MODULATOR

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7 ABSTRACT

8 Sigma-delta modulation ($\Sigma\Delta M$) techniques provide a range
9 of opportunities in a signal processing system for both
10 increasing performance and datapath optimization along the
11 silicon-area axis in the design space. $\Sigma\Delta M$ technology,
12 together with FPGA based signal processing hardware, can be
13 combined to produce creative, high-performance and area
14 efficient solutions to many signal processing problems.

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